## COLORADO DEPARTMENT OF TRANSPORTATION 4806-19 **PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY**

APL Reference No.

## Material code: Product Evaluation Coordinator 515.03.01.00 Colorado Department of Transportation 4670 North Holly Street, Unit A Material code description full name: Sealer, Concrete Denver, Colorado 80216

## PART 1

	Product category: Waterproofing/PCCP Sealer/ Alkyl-alkovy Silane
SIL-ACT® ATS-200	Waterproofing/PCCP Sealer/ Aikyr-aikoxy Silarie
Product Representative (name & address): Attn: Christina Agent / Felecia Stoker	Manufacturer (name & address): Attn: Christina Agent / Felecia Stoker
Advanced Chemical Technologies, Inc.	Advanced Chemical Technologies Inc
9608 N. Robinson Ave.	9608 N. Robinson Ave.
OKC, OK 73114	OKC, OK 73114
Phone: (405) 843-2585 E-mail: sales@advchemtech.com	Phone: (405) 843-2585 E-mail: sales@advchemtech.com
Web-site address: www.advchemtech.com	Web-site address: www.advchemtech.com
Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)	
SIL-ACT® ATS-200 is a fast dry clear, penetrating, 100% silane treatment which causes concrete to become repellent to water, chloride, waterborne	
contaminants and weathering elements, preventing premature deterioration of bridge decks, ramps, median barriers and other concrete structures. water,	
chloride ion intrusion, deicing chemicals, salt corrosion and other waterborne chemicals are repelled without restricting the substrates natural permeability. It	
protects against surface spalling caused by freeze/thaw cycles and other severe weather conditions. VOC Content < 390 g/L; Drying time at 70°F 1 hour;	
Water Absorption, ASTM D-6489, 0.1%; Depth of Penetration, OHD-L34 .16 to .2 Inch; Moisture Vapor Permeability OHD-L35 99.6%; Scale Resistance ASTM	
C-672 0 @ 100 Cycles; Moisture Absorption Resistance ASTM C-642 .11 @ 48 Hours / .34 @ 50 Days; Chloride Ion Reduction AASHTO T 259 .22 @ 1/2 -	
Inch Depth / .0 @ 1 - Inch Depth; Testing for Chloride Ion AASHTO T 260 .05 @ 1/2 - Inch Depth / .04 @ 1 - Inch Depth; Reduction in Absorbed Chloride	
NCHRP 244 Series II 86%; NCHRP 244 Series IV - Southern Climate 99%	
Restrictions, (installation and/or use):	
Do not use unless surface and air temperature is between 20°F and 110°F. Do not apply if frost, ice, or standing water are visible on the surface being treated.	
Use of the product, (be specific to CDOT highway activities only): Bridge decks, Highways, Ramps, Median barriers	
Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):	
SIL-ACT® ATS-200 is a clear, penetrating silane treatment which causes concrete and masonry to become repellent to water, chloride, waterborne contaminants and weathering	
elements such as freeze thaw cycles and deicing salts and chloride ions, preventing the premature deterioration of bridge decks, pavements, highways and other types of concrete	
Specifications: (listing those applicable is required)	
$\nabla$ ASTM : D-6489 C-672 C-642	
AASHTO: T 250, T 260	
other : OHD-I 34 OHD-I 35 NCHRP 244 Series II NCHRP 244 Series IV - Southern Climate	
Certificate of Compliance (COC) provided	of Verification (COV) provided for select categories ONLY
Product Testing: (National/independent laboratories or universities with Penert Date ) Cartified Test Penert (CTP) provided to validate all claims	
NTPEP-AASHTO	
A other	
A other	
✓ other : CILGroup	
State DOT Approvals, (current documentation required): MI, MN, MO, MT, NY Expiration Date 4 Years / 05-29-2023	
Sample submitted: 🔲 yes 🗹 no 🛛 n/a Safety Data Sh	eets (SDS): 🔽 yes 🔲 no 📮 n/a
Alternate Product Category:	